

Vertex Form

E.P.

Name _____

Date _____

Write each quadratic in Vertex form then identify the vertex.

1) $y = x^2 + 16x + 71$

2) $y = x^2 - 2x - 5$

3) $y = -x^2 - 14x - 58$

4) $y = x^2 + 4x$

5) $y = x^2 - 12x + 46$

6) $y = 2x^2 + 36x + 170$

7) $y = -2x^2 - 4x + 16$

8) $y = -3x^2 - 60x - 294$

9) $y = 4x^2 + 24x + 31$

10) $y = 5x^2 - 10x + 13$

11) $y = x^2 + 5x + 11$

12) $y = 3x^2 + 5x + 2$